



DEPARTMENT OF THE ARMY
BUFFALO DISTRICT, CORPS OF ENGINEERS
1776 NIAGARA STREET
BUFFALO, NEW YORK 14207-3199

REPLY TO
ATTENTION OF:

Environmental Analysis Team

August 6, 2001

SUBJECT: Hospice of the Western Reserve Section 14 Shoreline Protection Project, Euclid Township, Cuyahoga County, Ohio.

SCOPING FACT SHEET

1. Introduction. Implementation of the National Environmental Policy Act requires that Federal agencies initiate "an early and open process for determining the scope of issues to be addressed and for identifying the significant issues related to the proposed action." The purpose of this fact sheet is to disseminate information on proposed U.S Army Corps of Engineers (USACE) Buffalo District activities and to elicit the concerns of any interested parties.

2. Project Location and Conditions. The Hospice of the Western Reserve is located along the southern shore of Lake Erie, in Cuyahoga County, Ohio. It is situated approximately 17 miles west of Fairport Harbor and 10 miles east of downtown Cleveland, Ohio (Figures 1 and 2). In 1983, USACE constructed a 500-foot long revetment and an access road along the eastern portion of the property down to the revetment. In 1995, Hospice constructed a new building and facilities on top of the access road. In addition, a new access road used for obtaining deliveries was constructed from the western property boundary, down to the lake shore, and along the shoreline to the western end of the existing USACE revetment. This access road was inadequately protected with dumped demolition concrete and has been rendered useless due to severe erosion. Deliveries of medical supplies and construction access to the USACE revetment are no longer possible. In addition, the erosion has progressed landward to such an extent that buildings constructed in 1995 are in danger of storm induced wave damage and undermining. Since the mechanical/electrical room is located closest to the shoreline, it would be the first area to be impacted. Loss of the mechanical/electrical room would make it necessary for patients to be relocated and for health-related services to be shutdown. As a result, approximately 1200 feet of shoreline would need to be protected to halt erosion and minimize flanking of the project area.

3. Project Description. The proposed design consists of constructing a rubblemound revetment along approximately 1,200 feet of shoreline stretching from the western end of the property line to the eastern end of the property line (Figures 3 and 4). The rubblemound structure would be constructed of a double layer of protective armor stone over a double layer of underlayer stone at a slope of 1V:2H. In order to provide maximum protection against overtopping from the highest significant waves, the rubblemound structure would require a crest height of +9.7 LWD (584.7 IGLD 1985). In addition, all of the randomly placed concrete and miscellaneous debris would be removed. The existing stone revetment would be reworked to facilitate proper placement of the proposed rubblemound structure. Lastly, the crest of the revetment would also serve as a maintenance and access road extending from the eastern property line to the western property line. Therefore, the 15-foot crest width would be chinked with smaller stone to provide a relatively

smooth driving surface. The maintenance/access road would have two access points, one at the southeastern end of the project off of East 185th Street and one off of the northwest corner of the existing parking lot. The southeastern access road would allow access to the revetment crest from the existing parking lot and shall follow the existing access road grade of approximately ten percent. The northwestern access road allows access from East 185th Street and would follow a grade of no greater than 19 percent.

4. Alternative Plans. In addition to the proposed plan, the following alternative plans will be evaluated:

- (a) Construction of a sheetpile seawall the entire length (1,200 feet) of the Hospice of the Western Reserve shoreline,
- (b) Relocation of the health center, and
- (c) the no-action plan, under which the Federal Government would do nothing to prevent erosion of the Hospice shoreline. This alternative would likely lead to the deterioration of the Hospice Facility.

5. Potential Impacts. Table 1 presents a general assessment of the environmental impacts associated with the proposed project.

6. National Environmental Policy Act (NEPA) Compliance. In accordance with 33 Code of Federal Regulations 230 and Engineer Regulation 200-2-2 (Procedures for Implementing NEPA), USACE will complete an Environmental Assessment (EA) to evaluate the potential effects of the proposed project and any alternatives. If, after this evaluation, it is concluded that the proposed project would have no significant environmental impacts and an environmental impact statement is not required, the District Engineer will sign a Finding of No Significant Impact (FONSI).

In addition to NEPA, the proposed project must also comply with other applicable and relevant Federal laws. Table 2 presents a comprehensive list of environmental protection statutes, executive orders, etc. Therefore, an additional intent of this fact sheet is to disseminate pertinent project information to meet all applicable coordination/consultation requirements required under their provisions. Table 3 lists the agencies, organizations, and other affected parties contacted for coordination.

7. Clean Water Act. USACE will prepare a Section 404(a) Public Notice and Section 404(b)(1) Evaluation, as required under the Clean Water Act. Section 401 State Water Quality Certification would be requested from the Ohio Environmental Protection Agency in accordance with this Act.

8. Coastal Zone Management Act. Due to the projects location along the southern shore of Lake Erie, a State of Ohio Coastal Management Program Consistency Determination will also be prepared by USACE and submitted to the Ohio Department of Natural Resources, in accordance with the Coastal Zone Management Act of 1972.

9. Point of Contact: Jay M. Miller
Biologist
Environmental Analysis Team

Telephone No. : 716-879-4394
Fax No. : 716-879-4355
E-mail: james.m.miller@lrb01usace.army.mil

You may review the preceding information and present any comments or recommendations in writing to Mr. Miller's attention at the following address:

Department of the Army
Buffalo District Corps of Engineers
Environmental Analysis Team
1776 Niagara Street
Buffalo, NY 14207-3 199

Please provide your comments/recommendations within 30 days from the date of this letter.
Thank you for your involvement in this project.

Sincerely,

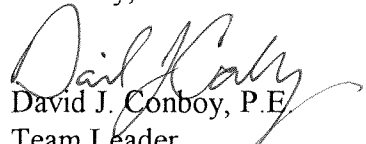

David J. Conboy, P.E.
Team Leader
Environmental Analysis Team

TABLE 1: General Environmental Impact Assessment.

IMPACT/ RESOURCE	ENVIRONMENTAL EFFECT
Noise	Short-term localized increase due to the operation of construction equipment.
Displacement of People	No effect.
Aesthetic Values	Short-term degradation during construction due to the presence of construction equipment.
Cultural Resources	No effect.
Community Cohesion	No effect.
Desirable Community Growth	No effect.
Environmental Justice	No disproportionate adverse effect on minority or low-income communities.
Archaeological Sites/Historic Properties	No effect.
Tax Revenues	No effect.
Property Values	Property value of the Hospice Facility would be maintained.
Public Facilities and Services	Implementation of the proposed project would allow for the continued use of the Hospice Facility.
Desirable Regional Growth	No effect.
Employment/ Labor Force	Possible short-term increase in employment opportunities during construction activities.
Business and Industrial Activities	No disruption to business.
Displacement of Farms	No effect.

TABLE 1: General Environmental Impact Assessment (continued).

IMPACT/ RESOURCE	ENVIRONMENTAL EFFECT
Man-Made Resources	No effect.
Natural Resources	Consumption of fuel during project construction. Commitments of quarry-run stone and stone fill for the life of the project.
Air Quality	Short-term, localized release of pollutants from construction vehicles/equipment.
Water Quality	Short-term increases in local turbidity during construction.
Fish and Wildlife Resources	Short-term avoidance of project area by fish and wildlife during construction activities.
Vegetation	Minor loss of vegetation from construction of rubblemound structure.
Wetlands	No effect.
Threatened or Endangered Species	No effect.

TABLE 2: Federal Environmental Protection Laws, Orders, and Policies.

1. PUBLIC LAWS

- (a) Abandoned Shipwreck Act of 1987, 43 USC 2101-2106
- (b) American Folklife Preservation Act, P.L. 94-201; 20 U.S.C. 2101, *et seq.*
- (c) American Indian Religious Freedom Act, 42 USC 1996
- (d) Anadromous Fish Conservation Act, P.L. 89-304; 16 U.S.C. 757, *et seq.*
- (e) Antiquities Act of 1906, P.L. 59-209; 16 U.S.C. 431, *et seq.*
- (f) Archaeological and Historic Preservation Act, P.L. 93-291; 16 U.S.C. 469, *et seq.* (Also known as the Reservoir Salvage Act of 1960, as amended; P.L. 93-291, as amended; the Moss-Bennett Act; and the Preservation of Historic and Archaeological Data Act of 1974.)
- (g) Bald Eagle Act; 16 U.S.C. 668.
- (h) Clean Air Act, as amended; P.L. 91-604; 42 U.S.C. 1857h-7, *et seq.*
- (i) Clean Water Act, P.L. 92-500; 33 U.S.C. 1251, *et seq.* (Also known as the Federal Water Pollution Control Act; and P.L. 92-500, as amended.)
- (j) Coastal Zone Management Act of 1972, as amended, P.L. 92-583; 16 U.S.C. 1451, *et seq.*
- (k) Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 USC 9601 *et seq.*
- (l) Endangered Species Act of 1973, as amended, P.L. 93-205; 16 U.S.C. 1531, *et seq.*
- (m) Estuary Protection Act, P.L. 90-454; 16 U.S.C. 1221, *et seq.*
- (n) Farmland Protection Act (Subtitle I of Title XV of the Agriculture and Food Act of 1981), 7 USC 4201.
- (o) Federal Environmental Pesticide Control Act, P.L. 92-516; 7 U.S.C. 136.
- (p) Federal Water Project Recreation Act, as amended, P.L. 89-72; 16 U.S.C. 460-1(12), *et seq.*
- (q) Fish and Wildlife Coordination Act of 1958, as amended, P.L. 85-624; 16 U.S.C. 661, *et seq.*
- (r) Flood Control Act of 1944, 16 USC 460d *et seq.*
- (s) Historic Sites Act of 1935, as amended, P.L. 74-292; 16 U.S.C. 461, *et seq.*
- (t) Land and Water Conservation Fund Act, P.L. 88-578; 16 U.S.C. 460/-460/-11, *et seq.*
- (u) Marine Mammal Protection Act of 1972, P.L. 92-522; 16 U.S.C. 1361, *et seq.*
- (v) Marine Protection, Research and Sanctuaries Act of 1972, P.L. 92-532; 33 U.S.C. 1401, *et seq.*
- (w) Migratory Bird Conservation Act of 1928; 16 U.S.C. 715.
- (x) Migratory Bird Treaty Act of 1918; 16 U.S.C. 703, *et seq.*

- (y) National Environmental Policy Act of 1969, as amended, P.L. 91-190; 42 U.S.C. 4321, *et seq.*
- (z) National Historic Preservation Act of 1966, as amended, P.L. 89-655; 16 U.S.C. 470a, *et seq.*
- (aa) Native American Religious Freedom Act, P.L. 95-341; 42 U.S.C. 1996, *et seq.*
- (bb) Resource Conservation and Recovery Act of 1976, P.L. 94-580; 7 U.S.C. 1010, *et seq.*
- (cc) River and Harbor Act of 1899, 33 U.S.C. 403, *et seq.* (Also known as the Refuse Act of 1899.)
- (dd) Submerged Lands Act of 1953, P.L. 82-3167; 43 USC 1301, *et seq.*
- (ee) Surface Mining and Reclamation Act of 1977, P.L. 95-89; 30 USC 1201, *et seq.*
- (ff) Toxic Substances Control Act, P.L. 94-469; 15 USC 2601, *et seq.*
- (gg) Water Resources Planning Act, 42 USC 1962 *et seq.*
- (hh) Watershed Protection and Flood Prevention Act, as amended, P.L. 83-566; 16 USC 1001, *et seq.*
- (cc) Wild and Scenic Rivers Act, as amended, P.L. 90-542; 16 U.S.C. 1271, *et seq.*

2. EXECUTIVE ORDERS

- (a) Executive Order 11593, Protection and Enhancement of the Cultural Environment. May 13, 1979 (36 FR 8921; May 15, 1971).
- (b) Executive Order 11988, Floodplain Management. May 24, 1977 (42 FR 26951; May 25, 1977).
- (c) Executive Order 11990, Protection of Wetlands. May 24, 1977 (42 FR 26961; May 25, 1977).
- (d) Executive Order 11514, Protection and Enhancement of Environmental Quality, March 5, 1970, as amended by Executive Order, 11991, May 24, 1977.
- (e) Executive Order 12088, Federal Compliance with Pollution Control Standards, October 13, 1978.
- (f) Executive Order 12372, Intergovernmental Review of Federal Programs, July 14, 1982.
- (g) Executive Order 12114, Environmental Affects Abroad of Major Federal Actions.
- (g) Executive Order 12856, Federal Compliance with Right-to-Know Laws and Pollution Prevention Requirements, August 3, 1993.
- (h) Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, February 11, 1994 (amended January 10, 1995).
- (i) Executive Order 13186, Responsibilities of Federal Agencies to Protect Migratory Birds, January 11, 2001.

3. OTHER FEDERAL POLICIES

- (a) Council on Environmental Quality Memorandum of August 11, 1980: Analysis of Impacts on Prime or Unique Agricultural Lands in Implementing the National Environmental Policy Act.
- (b) Council on Environmental Quality Memorandum of August 10, 1980: Interagency Consultation to Avoid or Mitigate Adverse Effects on Rivers in the National Inventory.

(c) Migratory Bird Treaties and other international agreements listed in the Endangered Species Act of 1973, as amended, Section 2(a)(4).

TABLE 3: Coordination List

Executive Director Advisory Council on Historic Preservation Old Post Office Building – Suite 809 1100 Pennsylvania Avenue, NW Washington, DC 20004-2590	Director Ecology and Conservation Office 14 th and Constitution Avenue – NW HCBC PSP/EC, Room 6117 Washington, DC 20230	Federal Maritime Commission ATTN: Office of the Secretary 800 N. Capital Street, NW Washington, DC 20573
Director of Project Assistance NEPA Division U.S. Department of Energy – Env. Guidance 100 Independence Ave., SW – Room 3G-092 Washington, DC 20585	Director Office of Environmental Project Review U.S. Department of the Interior 1849 C Street, NW (Mail Stop 2340) Washington, DC 20240	Special Programs Group (F16) Centers for Environmental Health and Disease 4770 Buford Highway, NE Atlanta, GA 30341-3724
Commander Civil Engineering Unit (DO) 1240 East Ninth St. (Room 2179) Cleveland, OH 44199	Audubon Society 6559 Engle Road Cleveland, OH 44142	State Chairman Ducks Unlimited 3755 Pine Meadow Road New Albany, OH 43054
Division Administrator Federal Highway Administration US Department of Transportation 200 N. High Street, Room 328 Columbus, OH 43215-2408	Regional Environmental Officer FEMA Region 5 536 South Clark Street Chicago, IL 60605	League of Ohio Sportsman Affiliate of the National Wildlife Federation 3953 Indianola Avenue Columbus, OH 43214
Regional Director Midwest Region National Park Service 1709 Jackson Street Omaha, NE 68102	Midwest Resource Center Federal Highway Administration 19900 Governors Highway, Suite 301 Olympia Fields, OH 60461-1021	Corps of Engineers Liaison OH Department of Natural Resources Building D-4 Fountain Square 1952 Belcher Drive Columbus, OH 43224
Coastal Services Center Ohio Department of Natural Resources 1630 Sycamore Line Sandusky, OH 44870-4132	Director OH Department of Transportation Office of Environmental Services 1980 West Broad Street Columbus, OH 43223	Department Head Ohio Historic Preservation Office Resource Protection and Review Dept. 567 East Hudson Street Columbus, OH 43211-1030

<p>Director Ohio Department of Health 246 North High Street Columbus, OH 43216-0118</p>	<p>Director Ohio Environmental Protection Agency PO Box 1049 Columbus, OH 43216-1049</p>	<p>Director Ohio Environmental Protection Agency District Office 2100 East Aurora Twinsburg, OH 44087-1969</p>
<p>Chief Review Branch USEPA – Region 5 77 West Jackson Blvd. Chicago, IL 60604-3590</p>	<p>Sierra Club 13677 Old Pleasant Valley Road Cleveland, OH 44130</p>	<p>Chairman Trout Unlimited – Ohio Council 1061 Nicholson Lakewood, OH 44107</p>
<p>Trout Unlimited Ohio McDonald and Company 2100 Central National Bank Building Cleveland, OH 44144</p>	<p>Field Supervisor Columbus Field Office US Fish and Wildlife Service 6950-H Americana Parkway Reynoldsburg, OH 43068-4115</p>	<p>State Executive Director USDA, Farm Service Agency 200 North High Street, Room 540 Columbus, OH 43215-2408</p>
<p>Environmental Officer US HUD, Region 5 – Columbus Office 200 North High Street Columbus OH 43215</p>	<p>State Conservationist USDA, NRCS 200 North High Street, Room 540 Columbus, OH 43215</p>	<p>Native American Alliance of Ohio PO Box 502 Thornville, OH 43076</p>
<p>Great Lakes Commission The Argus II Bldg. 400 S. Fourth St. Ann Arbor, MI 48103-4816</p>	<p>Great Lakes Fishery Commission 2100 Commonwealth Blvd., Suite 209 Ann Arbor, MI 49105-1563</p>	<p>Great Lakes Tomorrow PO Box 41248 Brecksville, OH 44141</p>
<p>Executive Director Great Lakes United SUNY College at Buffalo 1300 Elmwood Ave. Buffalo, NY 14222</p>	<p>Inland Seas Maritime Museum Great Lakes Historical Society PO Box 435 Vermilion, OH 44089-0435</p>	<p>Superintendent Cuyahoga Co. Parks and Recreation 2310 Second St. Cleveland, Ohio 44221</p>
<p>Mayor City of Euclid 555 East 222nd St. Euclid, OH 44123</p>	<p>Regional Forester USDA Forest Service Eastern Region (R9) 310 West Wisconsin Avenue Milwaukee, WI 53203</p>	<p>Environmental Coordinator Delaware Tribal Headquarters 220 NW Virginia Bartlesville, OK 74003</p>

<p>Tribal Chairman Pokagon Band of Potawatomi Indians P.O. Box 180 901 Spruce Street Dowagiac, MI 14013</p>	<p>County Engineer 1370 Ontario St. Cleveland, OH 44113</p>	<p>Cuyahoga Co. Board of Commissioners County Administration Bldg. 1219 Ontario St. Cleveland, OH 44113</p>
<p>City of Euclid Public Service 555 East 222nd St. Euclid, OH 44123</p>	<p>City of Euclid Administration Department 555 East 222nd St. Euclid, OH 44123</p>	<p>County Administrator Cuyahoga Co. Administration Bldg. 1219 Ontario St. Cleveland, OH 44113</p>
<p>Cuyahoga Co. Board of Health 1375 Euclid Avenue Cleveland, OH 44115</p>		

Vicinity map depicting the geographic location of the project in the Euclid Township, Cuyahoga County, Ohio.

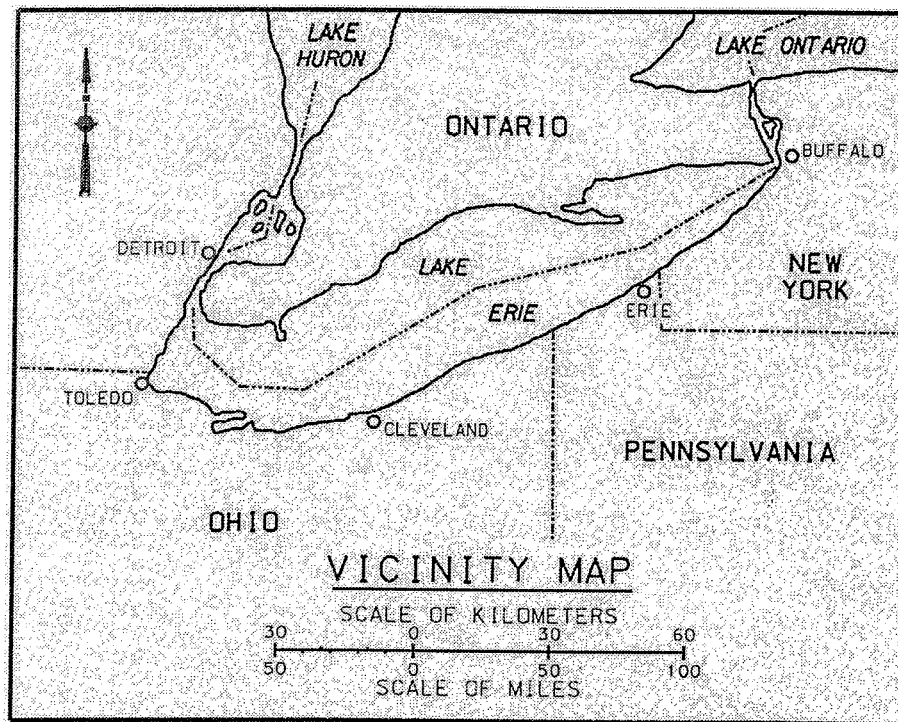


Figure 1. Vicinity Map

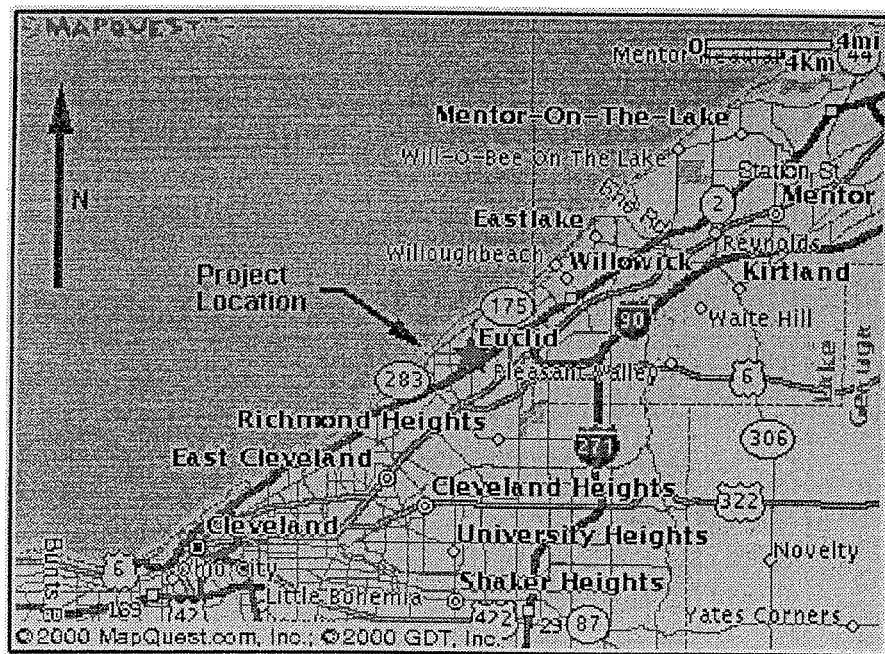


Figure 2. Location Map

Location map depicting the project location in the Euclid Township, Cuyahoga County, Ohio.

Map depicting the conceptual plan for Hospice of the Western Reserve Project

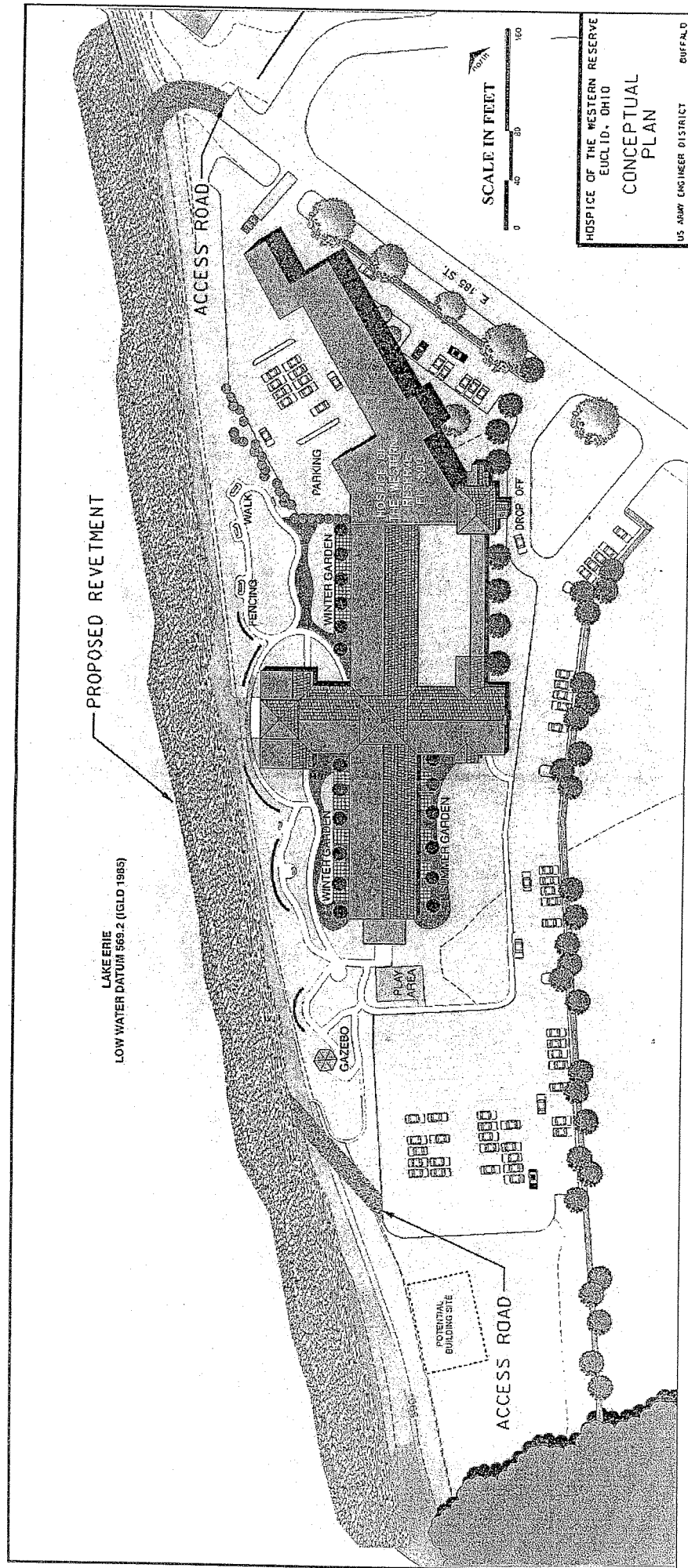
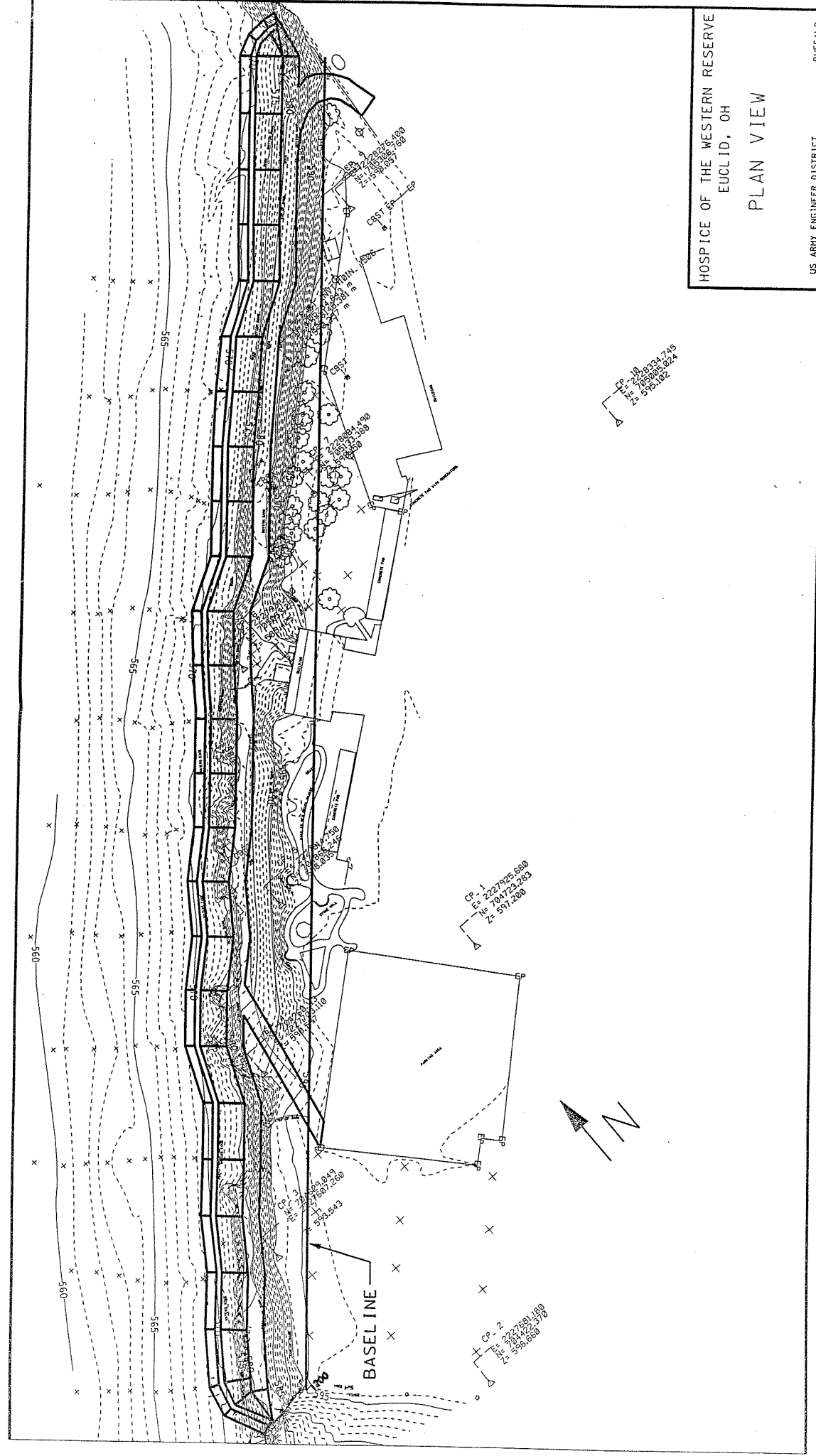


Figure 3. Conceptual Plan



HOSPICE OF THE WESTERN RESERVE
EUCLID, OH
PLAN VIEW

US ARMY ENGINEER DISTRICT
BUFFALO

Figure depicting the plan view of the Hospice of the Western Reserve Project

Figure 4. Plan View